

ABSTRACT OF THE DISCLOSURE

5 A system and method for generating a testbench for a representation of a device
to be incorporated in a data processing apparatus is provided. The representation of the
device is configurable based on configuration data specifying predetermined attributes of
one or more components of the data processing apparatus with which that device is to be
coupled, and the testbench provides a test environment that represents those one or more
components. The method comprises the steps of receiving the configuration data used to
10 configure the representation of the device, and generating the testbench with reference to
the configuration data and a first set of templates defining the test environment. By this
approach, a matching testbench can automatically be generated for any particular
instantiation of the configurable representation of the device to enable thorough
verification testing of that instantiation of the device to be performed.

15